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U.S. PATENT AND TRADEMARK OFFICE

PATENT APPLICATION
Docket No 2869.1001-023

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Richard A. Young and Douglas Young

Application No.: 10/046,649 Group: 1648

Filed: January 14, 2002 Examiner: Not Assigned

Confirmation No.: 3487

For: Stress Proteins and Uses Therefor

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P O Box 2327, Arlington, VA 22202

on 10-22-02 Jenine Crump

Date

Signature

Jenine Crump

Typed or printed name of person signing certificate

SECOND PRELIMINARY AMENDMENT

Box Missing Parts
Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

This Second Preliminary Amendment is being filed with the response to the Notice to File Missing Parts dated April 22, 2002 in the above-identified application in order to comply with 37 C.F.R. §1.84 and to amend the claims.

An extension of time to respond to the Notice to File Missing Parts is respectfully requested. A Petition for Extension of Time has been included with the Reply to Notice to File Missing Parts of Application and is being filed concurrently with this Second Preliminary Amendment.

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Please amend the application as follows:

In the Specification

Please replace the paragraph at page 6, lines 13-16 with the following paragraph:

Figures 2A and 2B are a comparison of the amino acid sequence of the human P1 protein (573 residues) (SEQ ID NO: 1) and the amino acid sequence of the groEL protein (547 residues) (SEQ ID NO: 2).

Please replace the paragraph at page 6, lines 17-21 with the following paragraph:

Figures 3A and 3B are a comparison of the amino acid sequence of the human P1 protein (573 residues) (SEQ ID NO: 1), which is a homolog of groEL protein, and the amino acid sequence of the 65 kDa *M. leprae* protein (540 residues) (SEQ ID NO: 3).

Please replace the paragraph at page 6, lines 22-26 with the following paragraph:

Figures 4A and 4B are a comparison of the amino acid sequence of the human P1 protein (573 residues) (SEQ ID NO: 1), which is a homolog of the groEL protein, and the amino acid sequence of the 65kDa *M. tuberculosis* protein (540 residues) (SEQ ID NO: 4).

Amendments to the specification are indicated in the attached “Marked Up Version of Amendments” (page i).

In the Claims

Please cancel Claim(s) 1-12 and 14-42.

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CONCLUSION

In view of the above amendments and remarks, it is believed that application is in condition for review. If the Examiner feels that a telephone conference would expedite prosecution of this case, the Examiner is invited to call the undersigned at (978) 341-0036.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Anne J. Collins
Anne J. Collins
Registration No.: 40,564
Telephone: (978) 341-0036
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: October 22, 2002

MARKED UP VERSION OF AMENDMENTSSpecification Amendments Under 37 C.F.R. § 1.121(b)(1)(iii)

Replace the paragraph at page 6, lines 13-16 with the below paragraph marked up by way of bracketing and underlining to show the changes relative to the previous version of the paragraph.

Figures 2A and 2B are [is] a comparison of the amino acid sequence of the human P1 protein (573 residues) (SEQ ID NO: 1) and the amino acid sequence of the groEL protein (547 residues) (SEQ ID NO: 2).

Replace the paragraph at page 6, lines 17-21 with the below paragraph marked up by way of bracketing and underlining to show the changes relative to the previous version of the paragraph.

Figures 3A and 3B are [is] a comparison of the amino acid sequence of the human P1 protein (573 residues) (SEQ ID NO: 1), which is a homolog of groEL protein, and the amino acid sequence of the 65 kDa *M. leprae* protein (540 residues) (SEQ ID NO: 3).

Replace the paragraph at page 6, lines 22-26 with the below paragraph marked up by way of bracketing and underlining to show the changes relative to the previous version of the paragraph.

Figures 4A and 4B are [is] a comparison of the amino acid sequence of the human P1 protein (573 residues) (SEQ ID NO: 1), which is a homolog of the groEL protein, and the amino acid sequence of the 65kDa *M. tuberculosis* protein (540 residues) (SEQ ID NO: 4).